

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/541,821
Source: PCP
Date Processed by STIC: 5/26/06

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/541,821

DATE: 05/26/2006
TIME: 08:23:50

Input Set : A:\283125US0XPCT.ST25.txt
Output Set: N:\CRF4\05262006\J541821.raw

3 <110> APPLICANT: Sugiyama, Haruo
 4 Takasu, Hideo
 5 Samizo, Fumio
 7 <120> TITLE OF INVENTION: DIMERIZED PEPTIDE
 9 <130> FILE REFERENCE: 283125US0XPCT
 11 <140> CURRENT APPLICATION NUMBER: 10/541,821
 12 <141> CURRENT FILING DATE: 2005-07-11
 14 <150> PRIOR APPLICATION NUMBER: JP 2003-007122
 15 <151> PRIOR FILING DATE: 2003-01-15
 17 <160> NUMBER OF SEQ ID NOS: 72
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 449
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Synthetic Peptide
 29 <400> SEQUENCE: 1
 31 Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro
 32 1 5 10 15
 35 Ser Leu Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
 36 20 25 30
 39 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
 40 35 40 45
 43 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro Pro
 44 50 55 60
 47 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
 48 65 70 75 80
 51 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
 52 85 90 95
 55 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
 56 100 105 110
 59 Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
 60 115 120 125
 63 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
 64 130 135 140
 67 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
 68 145 150 155 160
 71 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
 72 165 170 175
 75 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
 76 180 185 190
 79 Tyr Ser Val Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser

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80	195	200	205
83	Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp		
84	210	215	220
87	Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln		
88	225	230	235
91	Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser		
92	245	250	255
95	Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu		
96	260	265	270
99	Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile		
100	275	280	285
103	His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro		
104	290	295	300
107	Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys		
108	305	310	315
111	Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys		
112	325	330	335
115	Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro		
116	340	345	350
119	Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp		
120	355	360	365
123	Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln		
124	370	375	380
127	Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr		
128	385	390	395
131	His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys		
132	405	410	415
135	Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val		
136	420	425	430
139	Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala		
140	435	440	445
143	Leu		
147	<210> SEQ ID NO: 2		
148	<211> LENGTH: 9		
149	<212> TYPE: PRT		
150	<213> ORGANISM: Artificial		
152	<220> FEATURE:		
153	<223> OTHER INFORMATION: Synthetic Peptide		
155	<400> SEQUENCE: 2		
157	Cys Leu Glu Ser Gln Pro Ala Ile Arg		
158	1	5	
161	<210> SEQ ID NO: 3		
162	<211> LENGTH: 9		
163	<212> TYPE: PRT		
164	<213> ORGANISM: Artificial		
166	<220> FEATURE:		
167	<223> OTHER INFORMATION: Synthetic Peptide		
169	<400> SEQUENCE: 3		
171	Gly Ala Glu Pro His Glu Glu Gln Cys		

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Input Set : A:\283125US0XPCT.ST25.txt
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172 1 5
175 <210> SEQ ID NO: 4
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177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Synthetic Peptide
183 <400> SEQUENCE: 4
185 Gln Cys Asp Phe Lys Asp Cys Glu Arg
186 1 5
189 <210> SEQ ID NO: 5
190 <211> LENGTH: 9
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Synthetic Peptide
197 <400> SEQUENCE: 5
199 Thr Ser Glu Lys Pro Phe Ser Cys Arg
200 1 5
203 <210> SEQ ID NO: 6
204 <211> LENGTH: 9
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic Peptide
211 <400> SEQUENCE: 6
213 Lys Thr Cys Gln Arg Lys Phe Ser Arg
214 1 5
217 <210> SEQ ID NO: 7
218 <211> LENGTH: 9
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Synthetic Peptide
225 <400> SEQUENCE: 7
227 Cys Ala Thr Pro Gly Cys Asn Lys Arg
228 1 5
231 <210> SEQ ID NO: 8
232 <211> LENGTH: 9
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic Peptide
239 <400> SEQUENCE: 8
241 Gln Leu Glu Cys Met Thr Trp Asn Gln
242 1 5
245 <210> SEQ ID NO: 9
246 <211> LENGTH: 9
247 <212> TYPE: PRT

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248 <213> ORGANISM: Artificial
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Synthetic Peptide
253 <400> SEQUENCE: 9
255 Thr Ser Glu Lys Arg Pro Phe Met Cys
256 1 5
259 <210> SEQ ID NO: 10
260 <211> LENGTH: 9
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Synthetic Peptide
267 <400> SEQUENCE: 10
269 Ile Leu Cys Gly Ala Gln Tyr Arg Ile
270 1 5
273 <210> SEQ ID NO: 11
274 <211> LENGTH: 9
275 <212> TYPE: PRT
276 <213> ORGANISM: Artificial
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Synthetic Peptide
281 <400> SEQUENCE: 11
283 Cys Met Thr Trp Asn Gln Met Asn Leu
284 1 5
287 <210> SEQ ID NO: 12
288 <211> LENGTH: 9
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Synthetic Peptide
295 <400> SEQUENCE: 12
297 Tyr Gln Met Thr Ser Gln Leu Glu Cys
298 1 5
301 <210> SEQ ID NO: 13
302 <211> LENGTH: 9
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Synthetic Peptide
309 <400> SEQUENCE: 13
311 Lys Thr Ser Glu Lys Pro Phe Ser Cys
312 1 5
315 <210> SEQ ID NO: 14
316 <211> LENGTH: 9
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Synthetic Peptide
323 <400> SEQUENCE: 14

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Input Set : A:\283125US0XPCT.ST25.txt
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325 Gln Met Thr Ser Gln Leu Glu Cys Met
326 1 5
329 <210> SEQ ID NO: 15
330 <211> LENGTH: 9
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Synthetic Peptide
337 <400> SEQUENCE: 15
339 Glu Gln Cys Leu Ser Ala Phe Thr Val
340 1 5
343 <210> SEQ ID NO: 16
344 <211> LENGTH: 9
345 <212> TYPE: PRT
346 <213> ORGANISM: Artificial
348 <220> FEATURE:
349 <223> OTHER INFORMATION: Synthetic Peptide
351 <400> SEQUENCE: 16
353 Ser Val Pro Pro Pro Val Tyr Gly Cys
354 1 5
357 <210> SEQ ID NO: 17
358 <211> LENGTH: 9
359 <212> TYPE: PRT
360 <213> ORGANISM: Artificial
362 <220> FEATURE:
363 <223> OTHER INFORMATION: Synthetic Peptide
365 <400> SEQUENCE: 17
367 Ala Glu Pro His Glu Glu Gln Cys Leu
368 1 5
371 <210> SEQ ID NO: 18
372 <211> LENGTH: 9
373 <212> TYPE: PRT
374 <213> ORGANISM: Artificial
376 <220> FEATURE:
377 <223> OTHER INFORMATION: Synthetic Peptide
379 <400> SEQUENCE: 18
381 Asp Phe Lys Asp Cys Glu Arg Arg Phe
382 1 5
385 <210> SEQ ID NO: 19
386 <211> LENGTH: 9
387 <212> TYPE: PRT
388 <213> ORGANISM: Artificial
390 <220> FEATURE:
391 <223> OTHER INFORMATION: Synthetic Peptide
393 <400> SEQUENCE: 19
395 Ala Tyr Pro Gly Cys Asn Lys Arg Tyr
396 1 5
399 <210> SEQ ID NO: 20
400 <211> LENGTH: 9

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/26/2006
PATENT APPLICATION: US/10/541,821 TIME: 08:23:51

Input Set : A:\283125US0XPCT.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:72; Xaa Pos. 2,9

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72

VERIFICATION SUMMARY

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Input Set : A:\283125US0XPCT.ST25.txt
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L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0